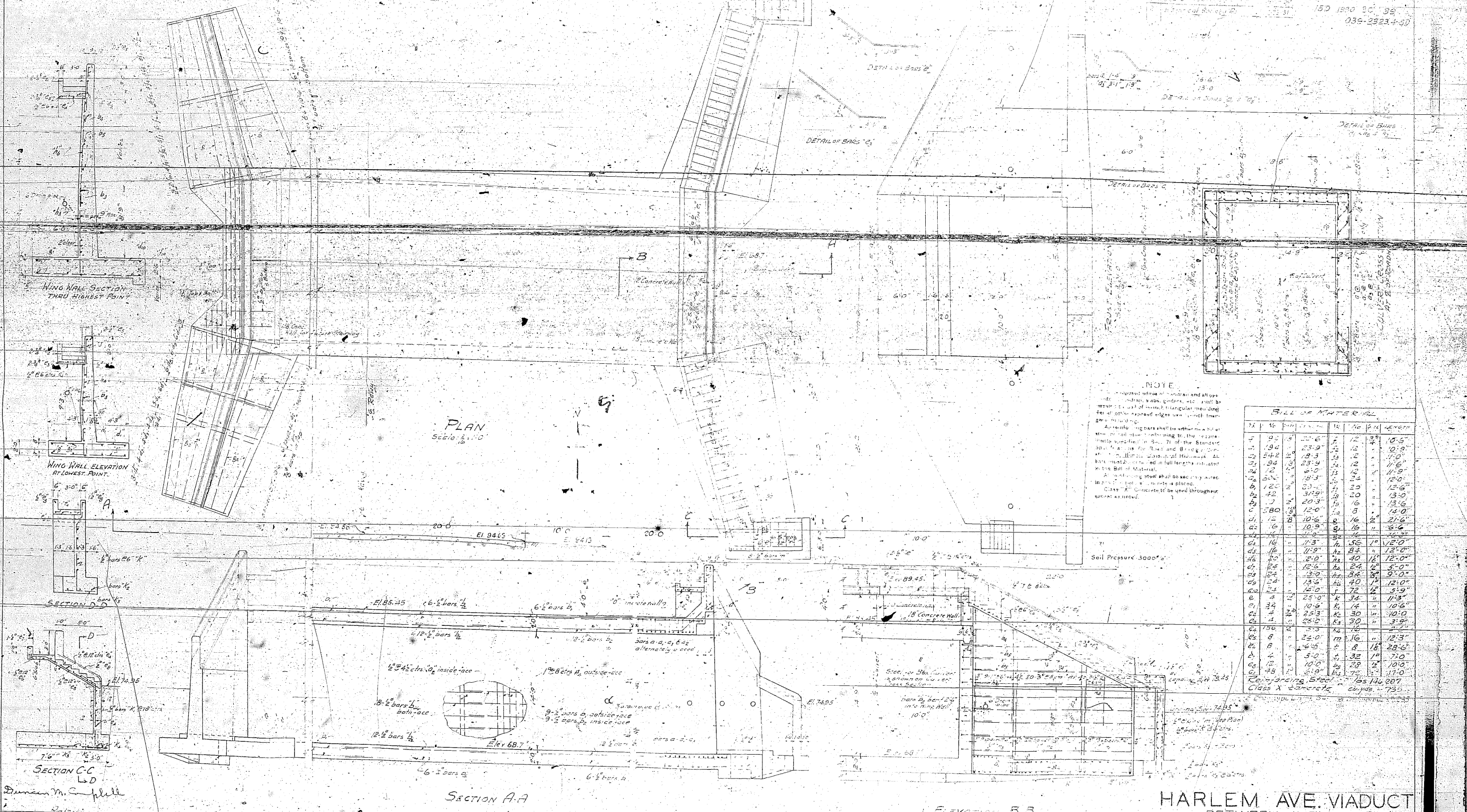


DEPARTMENT OF HIGHWAYS  
COOK COUNTY

150 1890 20 39  
039-2323.4-50



NOTE  
Reinforcing bars shall be either No. 4 or No. 6 bars conforming to the requirements of the Standard Specifications for Road and Bridge Construction, Illinois Department of Highways. All bars must be ordered in full lengths indicated in the Bill of Material.  
Reinforcing steel shall be Class X concrete to be used throughout unless otherwise specified.

BILL OF MATERIAL									
No.	Qty.	Size	Length	Weight	No.	Qty.	Size	Length	Weight
1	92	#6	23.6	5.12	12	37	#6	10.5	1.94
2	194	#6	23.9	4.12	13	12	#6	10.9	2.42
3	542	#6	19.3	3.12	14	2	#6	11.0	1.94
4	94	#6	23.9	4.12	15	12	#6	11.6	2.42
5	12	#6	6.0	1.3	16	12	#6	11.9	2.42
6	506	#6	18.3	3.12	17	24	#6	12.0	5.06
7	120	#6	33.1	7.20	18	20	#6	13.6	4.2
8	42	#6	34.9	9.50	19	20	#6	13.0	3.9
9	10	#6	20.3	4.50	20	16	#6	13.6	3.9
10	380	#6	12.0	2.60	21	8	#6	14.0	3.12
11	12	#6	10.6	2.30	22	16	#6	21.6	4.6
12	16	#6	10.9	2.42	23	16	#6	18.6	4.12
13	16	#6	11.3	2.50	24	16	#6	18.0	4.0
14	16	#6	11.9	2.60	25	16	#6	17.0	3.7
15	20	#6	15.0	3.40	26	16	#6	12.0	2.60
16	25	#6	13.6	3.0	27	16	#6	13.0	3.0
17	24	#6	13.0	2.88	28	16	#6	13.0	3.0
18	24	#6	13.6	3.0	29	16	#6	13.0	3.0
19	24	#6	13.6	3.0	30	16	#6	13.0	3.0
20	24	#6	13.6	3.0	31	16	#6	13.0	3.0
21	24	#6	13.6	3.0	32	16	#6	13.0	3.0
22	24	#6	13.6	3.0	33	16	#6	13.0	3.0
23	24	#6	13.6	3.0	34	16	#6	13.0	3.0
24	24	#6	13.6	3.0	35	16	#6	13.0	3.0
25	24	#6	13.6	3.0	36	16	#6	13.0	3.0
26	24	#6	13.6	3.0	37	16	#6	13.0	3.0
27	24	#6	13.6	3.0	38	16	#6	13.0	3.0
28	24	#6	13.6	3.0	39	16	#6	13.0	3.0
29	24	#6	13.6	3.0	40	16	#6	13.0	3.0
30	24	#6	13.6	3.0	41	16	#6	13.0	3.0
31	24	#6	13.6	3.0	42	16	#6	13.0	3.0
32	24	#6	13.6	3.0	43	16	#6	13.0	3.0
33	24	#6	13.6	3.0	44	16	#6	13.0	3.0
34	24	#6	13.6	3.0	45	16	#6	13.0	3.0
35	24	#6	13.6	3.0	46	16	#6	13.0	3.0
36	24	#6	13.6	3.0	47	16	#6	13.0	3.0
37	24	#6	13.6	3.0	48	16	#6	13.0	3.0
38	24	#6	13.6	3.0	49	16	#6	13.0	3.0
39	24	#6	13.6	3.0	50	16	#6	13.0	3.0
40	24	#6	13.6	3.0	51	16	#6	13.0	3.0
41	24	#6	13.6	3.0	52	16	#6	13.0	3.0
42	24	#6	13.6	3.0	53	16	#6	13.0	3.0
43	24	#6	13.6	3.0	54	16	#6	13.0	3.0
44	24	#6	13.6	3.0	55	16	#6	13.0	3.0
45	24	#6	13.6	3.0	56	16	#6	13.0	3.0
46	24	#6	13.6	3.0	57	16	#6	13.0	3.0
47	24	#6	13.6	3.0	58	16	#6	13.0	3.0
48	24	#6	13.6	3.0	59	16	#6	13.0	3.0
49	24	#6	13.6	3.0	60	16	#6	13.0	3.0
50	24	#6	13.6	3.0	61	16	#6	13.0	3.0
51	24	#6	13.6	3.0	62	16	#6	13.0	3.0
52	24	#6	13.6	3.0	63	16	#6	13.0	3.0
53	24	#6	13.6	3.0	64	16	#6	13.0	3.0
54	24	#6	13.6	3.0	65	16	#6	13.0	3.0
55	24	#6	13.6	3.0	66	16	#6	13.0	3.0
56	24	#6	13.6	3.0	67	16	#6	13.0	3.0
57	24	#6	13.6	3.0	68	16	#6	13.0	3.0
58	24	#6	13.6	3.0	69	16	#6	13.0	3.0
59	24	#6	13.6	3.0	70	16	#6	13.0	3.0
60	24	#6	13.6	3.0	71	16	#6	13.0	3.0
61	24	#6	13.6	3.0	72	16	#6	13.0	3.0
62	24	#6	13.6	3.0	73	16	#6	13.0	3.0
63	24	#6	13.6	3.0	74	16	#6	13.0	3.0
64	24	#6	13.6	3.0	75	16	#6	13.0	3.0
65	24	#6	13.6	3.0	76	16	#6	13.0	3.0
66	24	#6	13.6	3.0	77	16	#6	13.0	3.0
67	24	#6	13.6	3.0	78	16	#6	13.0	3.0
68	24	#6	13.6	3.0	79	16	#6	13.0	3.0
69	24	#6	13.6	3.0	80	16	#6	13.0	3.0
70	24	#6	13.6	3.0	81	16	#6	13.0	3.0
71	24	#6	13.6	3.0	82	16	#6	13.0	3.0
72	24	#6	13.6	3.0	83	16	#6	13.0	3.0
73	24	#6	13.6	3.0	84	16	#6	13.0	3.0
74	24	#6	13.6	3.0	85	16	#6	13.0	3.0
75	24	#6	13.6	3.0	86	16	#6	13.0	3.0
76	24	#6	13.6	3.0	87	16	#6	13.0	3.0
77	24	#6	13.6	3.0	88	16	#6	13.0	3.0
78	24	#6	13.6	3.0	89	16	#6	13.0	3.0
79	24	#6	13.6	3.0	90	16	#6	13.0	3.0
80	24	#6	13.6	3.0	91	16	#6	13.0	3.0
81	24	#6	13.6	3.0	92	16	#6	13.0	3.0
82	24	#6	13.6	3.0	93	16	#6	13.0	3.0
83	24	#6	13.6	3.0	94	16	#6	13.0	3.0
84	24	#6	13.6	3.0	95	16	#6	13.0	3.0
85	24	#6	13.6	3.0	96	16	#6	13.0	3.0
86	24	#6	13.6	3.0	97	16	#6	13.0	3.0
87	24	#6	13.6	3.0	98	16	#6	13.0	3.0
88	24	#6	13.6	3.0	99	16	#6	13.0	3.0
89	24	#6	13.6	3.0	100	16	#6	13.0	3.0

FOR INFORMATION ONLY

HARLEM AVE. VIADUCT  
BETWEEN 45TH & 55TH ST'S  
DETAILS OF  
PORTAGE CREEK CULVERT  
SEC. 039-2323.4-15D